

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	814	(((((PEDOT adj PSS) (PEDT adj PSS)) same (hole adj (transport\$5 inject\$5))) and (impur\$8 contaminat\$5))	US-PGPUB; USPAT	OR	ON	2009/07/09 13:54
L6	329	5 and (@pd<"20041014" @ad<"20041014")	US-PGPUB; USPAT	OR	ON	2009/07/09 13:54
L7	276	6 and (electrolumines\$8)	US-PGPUB; USPAT	OR	ON	2009/07/09 13:54
L8	27	((PEDOT adj PSS) (PEDT adj PSS)) same (purif\$10)	US-PGPUB; USPAT	OR	ON	2009/07/09 14:00
L9	15	8 and (@pd<"20041014" @ad<"20041014")	US-PGPUB; USPAT	OR	ON	2009/07/09 14:00
L10	1	("6811897").PN.	US-PGPUB; USPAT	OR	OFF	2009/07/09 14:19
L11	3	(baytron adj4 P adj4 VP) same impurit\$5	US-PGPUB; USPAT	OR	ON	2009/07/09 14:47
L12	15	(baytron adj4 P) same impurit\$5	US-PGPUB; USPAT	OR	ON	2009/07/09 14:48
L16	0	((PEDOT adj PSS) same3 ((non adj ionic) adj impurit\$5)	US-PGPUB; USPAT	OR	ON	2009/07/09 14:56
L17	0	((PEDOT adj PSS) and ((non adj ionic) adj impurit\$5)	US-PGPUB; USPAT	OR	ON	2009/07/09 14:56
L19	5	((PEDOT adj PSS) (PEDT adj PSS)) same nonionic	US-PGPUB; USPAT	OR	ON	2009/07/09 14:57
L20	0	((PEDOT adj PSS) (PEDT adj PSS)) same nonionic	DERWENT	OR	ON	2009/07/09 14:58
L21	171	((PEDOT adj PSS) (PEDT adj PSS))	DERWENT	OR	ON	2009/07/09 14:58
L22	4	((PEDOT adj PSS) (PEDT adj PSS)) and impurit\$5	DERWENT	OR	ON	2009/07/09 14:58
S1	9	((("20030018386") or ("20040079923") or ("20040007971") or ("6544670") or ("6841269") or ("6451461") or ("6811897") or ("5792557") or ("5843607")).PN.	US-PGPUB; USPAT	OR	OFF	2009/06/09 13:40
S2	1	("20070077449").PN.	US-PGPUB; USPAT	OR	OFF	2009/07/01 09:37
S3	1	"20070077449"	DERWENT	OR	ON	2009/07/01 09:39

S4	7	((("20090081553") or ("20090142669") or ("20090087751") or ("20080252566") or ("20090102359") or ("7439669") or ("20050062012")).PN.	US-PGPUB; USPAT	OR	OFF	2009/07/01 12:47
S5	1	"20030078731"	DERWENT	OR	ON	2009/07/01 13:21
S6	0	"200300078731"	DERWENT	OR	ON	2009/07/01 13:22
S7	3	"2003078731"	DERWENT	OR	ON	2009/07/01 13:22
S8	8	"1087448"	DERWENT	OR	ON	2009/07/01 13:23
S9	11	"1063869"	DERWENT	OR	ON	2009/07/01 13:24
S10	1	"06087911"	DERWENT	OR	ON	2009/07/01 13:25
S11	1	"2002175885"	DERWENT	OR	ON	2009/07/01 13:42
S12	2	"2003288985"	DERWENT	OR	ON	2009/07/01 13:45
S13	10	"558561"	DERWENT	OR	ON	2009/07/01 13:45
S14	1	"2002373785"	DERWENT	OR	ON	2009/07/01 13:50
S15	1	"2002373786"	DERWENT	OR	ON	2009/07/01 13:51
S16	0	"200368467"	DERWENT	OR	ON	2009/07/01 13:51
S17	3	"2003068467"	DERWENT	OR	ON	2009/07/01 13:51
S18	2	"2003297581"	DERWENT	OR	ON	2009/07/01 13:52
S19	3	"2003036979"	DERWENT	OR	ON	2009/07/01 13:53
S20	3	"2003017270"	DERWENT	OR	ON	2009/07/01 14:01
S21	0	"0848656"	DERWENT	OR	ON	2009/07/01 14:02
S22	1	"08048656"	DERWENT	OR	ON	2009/07/01 14:02
S23	1	"11167215"	DERWENT	OR	ON	2009/07/01 14:02
S24	1	"11329737"	DERWENT	OR	ON	2009/07/01 14:03
S25	2	"03040207"	DERWENT	OR	ON	2009/07/01 14:04

S26	1	"0192357"	DERWENT	OR	ON	2009/07/01 14:05
S27	0	("2004018386").PN.	US-PGPUB; USPAT	OR	OFF	2009/07/01 14:22
S28	1	("20040018386").PN.	US-PGPUB; USPAT	OR	OFF	2009/07/01 14:22
S29	4428	(428/690).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/01 15:25
S30	3079	(252/500).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/01 16:06
S31	335	(528/380).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/01 16:06
S32	859	(528/480).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/01 16:07
S33	30761	((428/917,411.4,336) or (427/58,66) or (313/502-504) or (257/40,88-104,e51.001- e51.052) or (252/301.16- 301.35)).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/01 16:29
S34	35718	S29 S30 S31 S32 S33	US-PGPUB; USPAT	OR	ON	2009/07/01 16:29
S35	24100	S34 and (@pd<"20041014" @ad<"20041014")	US-PGPUB; USPAT	OR	ON	2009/07/01 16:30
S36	125	S35 and ((hole-transport\$5 (hole adj transport\$5)) same impurit\$5)	US-PGPUB; USPAT	OR	ON	2009/07/01 16:32
S37	4430	(428/690).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/02 08:07
S38	3084	(252/500).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/02 08:07
S39	336	(528/380).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/02 08:07
S40	859	(528/480).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/02 08:07
S41	30840	((428/917,411.4,336) or (427/58,66) or (313/502-504) or (257/40,88-104,e51.001- e51.052) or (252/301.16- 301.35)).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/02 08:07
S42	35804	S37 S38 S39 S40 S41	US-PGPUB; USPAT	OR	ON	2009/07/02 08:07
S43	24100	S42 and (@pd<"20041014" @ad<"20041014")	US-PGPUB; USPAT	OR	ON	2009/07/02 08:07
S44	10	S43 and ((non-ionic (non adj ionic)) same impurit\$5)	US-PGPUB; USPAT	OR	ON	2009/07/02 08:07
S45	70	S43 and ((non-ionic (non adj ionic) anionic cationic) same impurit\$5)	US-PGPUB; USPAT	OR	ON	2009/07/02 08:11

S46	170	S43 and ((non-ionic (non adj ionic) anionic cationic ionic) same impurit\$5)	US-PGPUB; USPAT	OR	ON	2009/07/02 08:13
S47	114	S43 and ((non-ionic (non adj ionic) anionic cationic ionic) with impurit\$5)	US-PGPUB; USPAT	OR	ON	2009/07/02 08:13
S48	114	S43 and ((non-ionic nonionic (non adj ionic) anionic cationic ionic) with impurit\$5)	US-PGPUB; USPAT	OR	ON	2009/07/02 08:14
S49	8	S43 and (ultrafiltra\$10 same impurit\$5)	US-PGPUB; USPAT	OR	ON	2009/07/02 08:24
S50	319	S43 and (purif\$10 same impurit\$5)	US-PGPUB; USPAT	OR	ON	2009/07/02 08:28
S51	5	S43 and ((purif\$10 same impurit\$5) same ((hole adj transport\$5) hole-transport \$5))	US-PGPUB; USPAT	OR	ON	2009/07/02 08:29
S52	46	((electrolumin\$10 (light adj emit\$5) light-emit\$5) and ((non-ionic nonionic (non adj ionic) anionic cationic ionic) same impurit\$5)	EPO; JPO; DERWENT	OR	ON	2009/07/02 08:52
S53	0	((hole-transport\$5 (hole-transport\$5)) and ((non-ionic nonionic (non adj ionic) anionic cationic ionic) same impurit\$5)	EPO; JPO; DERWENT	OR	ON	2009/07/02 08:52
S54	7	((hole-transport\$5 (hole adj transport\$5)) and ((non-ionic nonionic (non adj ionic) anionic cationic ionic) same impurit\$5)	EPO; JPO; DERWENT	OR	ON	2009/07/02 08:53
S55	4430	(428/690).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/02 15:41
S56	3084	(252/500).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/02 15:41
S57	336	(528/380).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/02 15:41
S58	859	(528/480).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/02 15:41
S59	30840	((428/917,411.4,336) or (427/58,66) or (313/502-504) or (257/40,88-104,e51.001-e51.052) or (252/301.16-301.35)).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/02 15:41
S60	35804	S55 S56 S57 S58 S59	US-PGPUB; USPAT	OR	ON	2009/07/02 15:41
S61	24100	S60 and (@pd< "20041014" @ad< "20041014")	US-PGPUB; USPAT	OR	ON	2009/07/02 15:41
S62	363	S61 and baytron	US-PGPUB; USPAT	OR	ON	2009/07/02 15:41

S63	263	S61 and (baytron adj p)	US-PGPUB; USPAT	OR	ON	2009/07/02 15:42
S64	94	S61 and (baytron adj p) and purif\$10	US-PGPUB; USPAT	OR	ON	2009/07/02 15:47
S65	1330	S61 and PEDOT	US-PGPUB; USPAT	OR	ON	2009/07/02 15:51
S66	21	S61 and (PEDOT same purif \$10)	US-PGPUB; USPAT	OR	ON	2009/07/02 15:51
S67	2	S61 and (PEDOT-PSS same purif\$10)	US-PGPUB; USPAT	OR	ON	2009/07/02 15:51
S68	108	S61 and (PEDOT-PSS)	US-PGPUB; USPAT	OR	ON	2009/07/02 15:53
S69	2	"2003297581"	DERWENT	OR	ON	2009/07/06 08:34
S70	2	"2003288985"	DERWENT	OR	ON	2009/07/06 08:36
S71	1	("20040018386").PN.	US-PGPUB; USPAT	OR	OFF	2009/07/06 10:24
S72	1	"20040018386"	DERWENT	OR	ON	2009/07/06 10:25
S73	3	"2003078731"	DERWENT	OR	ON	2009/07/06 11:11
S74	1	"20050062012"	DERWENT	OR	ON	2009/07/07 09:18
S75	4432	(428/690).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/07 09:20
S76	3086	(252/500).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/07 09:20
S77	336	(528/380).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/07 09:20
S78	860	(528/480).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/07 09:20
S79	30868	((428/917,411.4,336) or (427/58,66) or (313/502-504) or (257/40,88-104,e51.001- e51.052) or (252/301.16- 301.35)).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/07 09:20
S80	35836	S75 S76 S77 S78 S79	US-PGPUB; USPAT	OR	ON	2009/07/07 09:20
S81	24105	S80 and (@pd<"20041014" @ad<"20041014")	US-PGPUB; USPAT	OR	ON	2009/07/07 09:20
S82	26	S81 and (((hole-transport\$5 (hole adj transport\$5)) same impurit\$5) and exchange)	US-PGPUB; USPAT	OR	ON	2009/07/07 09:20
S83	458	S81 and (ion adj exchange)	US-PGPUB; USPAT	OR	ON	2009/07/07 09:24
S84	69	S83 and (hole adj transport \$5)	US-PGPUB; USPAT	OR	ON	2009/07/07 09:24

S85	139	S83 and (impurit\$5)	US-PGPUB; USPAT	OR	ON	2009/07/07 09:26
S86	49	S85 and (electrolumin\$10 EL)	US-PGPUB; USPAT	OR	ON	2009/07/07 09:27
S87	169	baytron same (hole adj transport\$5)	US-PGPUB; USPAT	OR	ON	2009/07/09 10:32
S88	71	S87 and (@pd< "20041014" @ad< "20041014")	US-PGPUB; USPAT	OR	ON	2009/07/09 10:32
S89	8	"baytron P VP CH8000" same (hole adj transport\$5)	US-PGPUB; USPAT	OR	ON	2009/07/09 10:33
S90	2	S89 and (@pd< "20041014" @ad< "20041014")	US-PGPUB; USPAT	OR	ON	2009/07/09 10:33

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